

Intermountain Power

Variable Frequency Drive (VFD) Systems (LCI)

Installation Plan for GE Quotation DSP090832 r.1

1. Drive equipment will be shipped in three sections. These are LCI drive, Limitamp switch, and LCI pump panel. Dimensions are shown in attached drawing.
2. Sections of drive should be lifted to 2nd floor and then rolled into place. In order to provide enough room to pass, existing reactors on first row will need to be disconnected and moved back from central aisle. Overhead lighting may also have to be moved but nothing will need to be done to the overhead wireways and supports.
3. In location on Unit 2 where stairwell wall blocks part of drive space, please see drive arrange Layout 2. We have moved the location of the drive pump panel to the end of the line-up, opposite the Limitamp. This will allow access to the pump panel. The panel behind the LCI control cabinet does not require back access so we would suggest putting this very close to the stairwell wall. This arrangement should allow 48" of space between the 2 drives and a 30" aisle behind the drive nearest the back wall. This drive requires back access only for initial cable installation.
4. In other locations(where the stairwell wall is not an issue), the drives can be arranged as in Layout 1. This is just an alternative layout to Layout 2 and would be simply done for customer preference. For both areas where the stairwell wall is present, the Layout 2(with drives facing each other) would be the selected arrangement.